

09/660,386
AMENDMENT IN RESPONSE TO
(OFFICE ACTION DATED AUGUST 1, 2002)

Express Mail Number EU186555078US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Vladislav Vashchenko et al.

Appln. No.: 09/660,386

Filed: September 12, 2000

For: ELECTROSTATIC DISCHARGE (ESD)
PROTECTION STRUCTURE

Group Art Unit: 2811

Examiner: O. Nadav

AMENDMENT (IN RESPONSE TO OFFICE
ACTION DATED AUGUST 1, 2002)

RECEIVED

AUG 30 2002

TECHNOLOGY CENTER 280

17/C

FJONES
10-23-02

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Official Action mailed August 1, 2002, please amend the above-identified application as follows:

In the Claims

Please cancel claims 1-6.

The claims have been amended to read as follows:

8. (Amended) A device formed in a semiconductor material of a first conductivity type, the device comprising:
a first well of a second conductivity type formed in the semiconductor material, the first well having a dopant concentration;
a first contact region of the first conductivity type formed in the first well;
a second contact region of the second conductivity type formed in the first well;
a first trigger region of the second conductivity type formed in the first well, the first trigger region being spaced apart from the first and second contact regions;
a first conductive structure formed over and contacting the first and second contact regions;

08-29-02
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RCE/2800
PATENT APPLICATION #

Re: PATENT APPLICATION of:
Inventor(s): Vladislav Vashchenko et al.
Appln. No.: 09/ 660,386

Group Art Unit 2811
Examiner: O. Nadav
Atty. Dkt. 100-13201
No.

P04776-C1

Series Code ↑

Serial No. ↑

Client Ref

Filed: September 12, 2000

Title: Electrostatic Discharge (ESD) Protection Structure

RCE

DO NOT USE FOR PROVISIONAL, DIVISIONAL, CIP
OR DESIGN APPLICATIONS, OR REEXAMINATION
OF PATENTS

Box RCE
Commissioner for Patent
Washington, DC 20231

Date: August 28, 2002

Sir:

REQUEST FOR CONTINUED EXAMINATION (RCE) UNDER RULE 114

Please continue the examination of this application.

PREREQUISITES

This application was filed on/after June 8, 1995, is not abandoned, and no court action has been filed or if filed, it has been terminated.

An issue fee has not been paid (unless a petition under Rule 313(c)(2) is also being filed -- see item 4 below).

Prosecution has been closed as defined in Rule 114(b).

Reply to any outstanding action and Rule 17(e) filing fee must be enclosed

This application is entitled under Rule 114 to withdrawal of any outstanding finality or of any allowance plus a new action by the Examiner. Consideration on the merits of each submission (e.g., IDS, Amendment, new arguments, new evidence, but not appeal/reply briefs themselves) filed herewith is respectfully requested.

Please consider the following before the next Official Action:

1. Please ☒ enter ☐ do not enter the Amendment filed _____
2. ☒ The enclosed Amendment.
3. ☐ Consider the arguments in the appeal brief filed ____ and reply brief filed ____
4. ☐ The issue fee has been paid, but this RCE is based on Rule 313(c)(2). See enclosed petition.
5. ☐ The enclosed Information Disclosure Statement.
6. ☒ The Enclosed Non-Publish Request.
7. ☐ Please suspend action under Rule 103(c) for a period of ____ months (3 mos. Max) for which the required \$130 fee is enclosed
8. ☒ A check in the amount of \$740 is enclosed which is the required RCE filing fee a (postcard, fee transmittal (with copy) are also attached.)

(Our Deposit Account No. 502305)

(Atty. Dkt No.) 100-13201

Express Mail No. EU186555078US

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Correspondence Address Below Law Offices of Mark C. Pickering

P.O. Box 300
Petaluma, CA 94953-0300
(707) 762-5500
Customer No. 33402

By Atty:

Mark C. Pickering

Reg. No.

36,239

Sig:

Date:

Fax: (707) 762-5504

Tel: (707) 762-5583

08/30/2002 AWONDAF1 00000114 09660386

01 FC:179

740.00 0P

BEST AVAILABLE COPY



#16

PTO/SB/35 (11-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i) (Express Mail No. EU186555078US)	First Named Inventor	Vladislav Vashchenko et al.
	Title	Electrostatic Discharge (ESD) Protection Structure
	Atty Docket Number	100-13201 (P04776-C1)

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

8-28-02
Date

Mark C. Pickering
Signature

Mark C. Pickering
Reg. No. 36,239

Typed or printed name

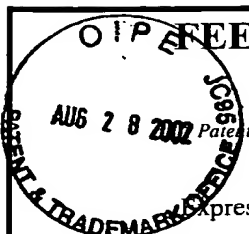
This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

BEST AVAILABLE COPY

 <p style="font-size: 1.2em; margin: 0;">OFFICE TRANSMITTAL</p> <p style="font-size: 1.2em; margin: 0;">For FY 2002</p> <p style="font-size: 0.8em; margin: 0;">Express Mail No. EU186555078US</p>		<p style="font-size: 0.8em; margin: 0;"><i>Complete if Known</i></p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>RCE of 09/660,386</td> </tr> <tr> <td>Filing Date</td> <td>September 12, 2000</td> </tr> <tr> <td>First Named Inventor</td> <td>Vladislav Vashchenko et al.</td> </tr> <tr> <td>Examiner Name</td> <td>O. Nadav</td> </tr> <tr> <td>Group Art Unit</td> <td>2811</td> </tr> <tr> <td>Attorney Document No.</td> <td>100-13201 (P04776-C1)</td> </tr> </table>		Application Number	RCE of 09/660,386	Filing Date	September 12, 2000	First Named Inventor	Vladislav Vashchenko et al.	Examiner Name	O. Nadav	Group Art Unit	2811	Attorney Document No.	100-13201 (P04776-C1)
Application Number	RCE of 09/660,386														
Filing Date	September 12, 2000														
First Named Inventor	Vladislav Vashchenko et al.														
Examiner Name	O. Nadav														
Group Art Unit	2811														
Attorney Document No.	100-13201 (P04776-C1)														
TOTAL AMOUNT OF PAYMENT		\$740													

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																												
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: 502305 LAW OFFICES OF MARK C. PICKERING</p> <p><input checked="" type="checkbox"/> Charge any additional fees required under 37 CFR §§1.16 and 1.17. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>	<p>3. Additional Fees</p> <table style="width:100%; font-size: 0.8em;"> <tr> <th style="width: 15%;">Large Entity</th> <th style="width: 10%;">Small Entity</th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> <th style="width: 55%;"></th> </tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td></tr> <tr><td>147</td><td>2520</td><td>139</td><td>2520</td><td>Filing a request for re-examination</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Req. publ. of SIR prior to Ex. Action</td></tr> <tr><td>113</td><td>1840*</td><td>113</td><td>1840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within 1st mo.</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within 2nd mo.</td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within 3rd mo.</td></tr> <tr><td>118</td><td>1440</td><td>218</td><td>720</td><td>Extension for reply within 4th mo.</td></tr> <tr><td>128</td><td>1960</td><td>228</td><td>980</td><td>Extension for reply with 5th mo.</td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td></tr> <tr><td>138</td><td>1510</td><td>138</td><td>1510</td><td>Pet to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td></tr> <tr><td>141</td><td>1280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td></tr> <tr><td>142</td><td>1280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petition related to provisional apps.</td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of IDS Statement</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (x no. of properties)</td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rej.</td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each add'l. invention to be examined (37 C.F.R. § 1.129(b))</td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Exam. (RCE)</td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Req. for expedited exam. of a design app.</td></tr> </table>	Large Entity	Small Entity				127	50	227	25	Surcharge - late provisional filing fee	139	130	139	130	Non-English specification	147	2520	139	2520	Filing a request for re-examination	112	920*	112	920*	Req. publ. of SIR prior to Ex. Action	113	1840*	113	1840*	Requesting publication of SIR after Examiner action	115	110	215	55	Extension for reply within 1 st mo.	116	400	216	200	Extension for reply within 2 nd mo.	117	920	217	460	Extension for reply within 3 rd mo.	118	1440	218	720	Extension for reply within 4 th mo.	128	1960	228	980	Extension for reply with 5 th mo.	119	320	219	160	Notice of Appeal	120	320	220	160	Filing a brief in support of an appeal	121	280	221	140	Request for oral hearing	138	1510	138	1510	Pet to institute a public use proceeding	140	110	240	55	Petition to revive - unavoidable	141	1280	241	640	Petition to revive - unintentional	142	1280	242	640	Utility issue fee (or reissue)	143	460	243	230	Design issue fee	144	620	244	310	Plant issue fee	122	130	122	130	Petitions to the Commissioner	123	50	123	50	Petition related to provisional apps.	126	180	126	180	Submission of IDS Statement	581	40	581	40	Recording each patent assignment per property (x no. of properties)	146	740	246	370	Filing a submission after final rej.	149	740	249	370	For each add'l. invention to be examined (37 C.F.R. § 1.129(b))	179	740	279	370	Request for Continued Exam. (RCE)	169	900	169	900	Req. for expedited exam. of a design app.
Large Entity	Small Entity																																																																																																																																												
127	50	227	25	Surcharge - late provisional filing fee																																																																																																																																									
139	130	139	130	Non-English specification																																																																																																																																									
147	2520	139	2520	Filing a request for re-examination																																																																																																																																									
112	920*	112	920*	Req. publ. of SIR prior to Ex. Action																																																																																																																																									
113	1840*	113	1840*	Requesting publication of SIR after Examiner action																																																																																																																																									
115	110	215	55	Extension for reply within 1 st mo.																																																																																																																																									
116	400	216	200	Extension for reply within 2 nd mo.																																																																																																																																									
117	920	217	460	Extension for reply within 3 rd mo.																																																																																																																																									
118	1440	218	720	Extension for reply within 4 th mo.																																																																																																																																									
128	1960	228	980	Extension for reply with 5 th mo.																																																																																																																																									
119	320	219	160	Notice of Appeal																																																																																																																																									
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																									
121	280	221	140	Request for oral hearing																																																																																																																																									
138	1510	138	1510	Pet to institute a public use proceeding																																																																																																																																									
140	110	240	55	Petition to revive - unavoidable																																																																																																																																									
141	1280	241	640	Petition to revive - unintentional																																																																																																																																									
142	1280	242	640	Utility issue fee (or reissue)																																																																																																																																									
143	460	243	230	Design issue fee																																																																																																																																									
144	620	244	310	Plant issue fee																																																																																																																																									
122	130	122	130	Petitions to the Commissioner																																																																																																																																									
123	50	123	50	Petition related to provisional apps.																																																																																																																																									
126	180	126	180	Submission of IDS Statement																																																																																																																																									
581	40	581	40	Recording each patent assignment per property (x no. of properties)																																																																																																																																									
146	740	246	370	Filing a submission after final rej.																																																																																																																																									
149	740	249	370	For each add'l. invention to be examined (37 C.F.R. § 1.129(b))																																																																																																																																									
179	740	279	370	Request for Continued Exam. (RCE)																																																																																																																																									
169	900	169	900	Req. for expedited exam. of a design app.																																																																																																																																									
<p style="text-align: center;">FEE CALCULATION</p> <p>1. BASIC FILING FEE</p> <table style="width:100%; font-size: 0.8em;"> <tr> <th colspan="2">LARGE ENTITY</th> <th colspan="2">SMALL ENTITY</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> <tr><td>101</td><td>740</td><td>201</td><td>370</td><td>Utility</td><td>0</td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design</td><td></td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant</td><td></td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>80</td><td>Provisional</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (1)</td> <td></td> <td>0</td> </tr> </table> <p>2. EXTRA CLAIM FEES</p> <table style="width:100%; font-size: 0.8em;"> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> <tr> <td>8 - 20 **</td> <td>= 0</td> <td>x 18</td> <td>= \$ 0</td> </tr> <tr> <td>Independent 1 - 3</td> <td>= 0</td> <td>x 84</td> <td>= \$ 0</td> </tr> <tr> <td>Multiple Dep.</td> <td></td> <td>*</td> <td>= \$ 0</td> </tr> </table> <p><i>** or number previously paid, if greater; for Reissues, see below:</i></p> <table style="width:100%; font-size: 0.8em;"> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claim in excess of 20</td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42</td><td>** Reissue ind. claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (2)</td> <td>\$0</td> </tr> </table>	LARGE ENTITY		SMALL ENTITY		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	101	740	201	370	Utility	0	106	330	206	165	Design		107	510	207	255	Plant		108	740	208	370	Reissue		114	150	214	80	Provisional		SUBTOTAL (1)					0	Total Claims	Extra Claims	Fee from below	Fee Paid	8 - 20 **	= 0	x 18	= \$ 0	Independent 1 - 3	= 0	x 84	= \$ 0	Multiple Dep.		*	= \$ 0	Large Entity		Small Entity		Fee Description	Fee Code	Fee (\$)	Fee Code	Fee (\$)	103	18	203	9	Claim in excess of 20	102	84	202	42	Independent claims in excess of 3	104	280	204	140	Multiple dependent claim, if not paid	109	84	209	42	** Reissue ind. claims over original patent	110	18	210	9	** Reissue claims in excess of 20 and over original patent	SUBTOTAL (2)				\$0	<p style="text-align: center;">SUBTOTAL (3)</p> <p>\$740</p>																																							
LARGE ENTITY		SMALL ENTITY		Fee Description			Fee Paid																																																																																																																																						
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																										
101	740	201	370	Utility	0																																																																																																																																								
106	330	206	165	Design																																																																																																																																									
107	510	207	255	Plant																																																																																																																																									
108	740	208	370	Reissue																																																																																																																																									
114	150	214	80	Provisional																																																																																																																																									
SUBTOTAL (1)					0																																																																																																																																								
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																										
8 - 20 **	= 0	x 18	= \$ 0																																																																																																																																										
Independent 1 - 3	= 0	x 84	= \$ 0																																																																																																																																										
Multiple Dep.		*	= \$ 0																																																																																																																																										
Large Entity		Small Entity		Fee Description																																																																																																																																									
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																										
103	18	203	9	Claim in excess of 20																																																																																																																																									
102	84	202	42	Independent claims in excess of 3																																																																																																																																									
104	280	204	140	Multiple dependent claim, if not paid																																																																																																																																									
109	84	209	42	** Reissue ind. claims over original patent																																																																																																																																									
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																									
SUBTOTAL (2)				\$0																																																																																																																																									
SUBMITTED BY																																																																																																																																													
<p>Law Offices of Mark C. Pickering P.O. Box 300 Petaluma, CA 94953-0300 Telephone: (707) 762-5583 Facsimile: (707) 762-5504 Customer No. 33402</p>		<p>Date: <u>8-28-02</u></p> <p>By: <u>Mark C. Pickering</u> Mark C. Pickering, Reg. No. 36,239</p>																																																																																																																																											

BEST AVAILABLE COPY

RECEIVED
AUG 30 2002
TECHNOLOGY CENTER 2800